

Babak Latif

List of Publications by Year in descending order

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55
papers

699
citations

516215

16
h-index

642321

23
g-index

55
all docs

55
docs citations

55
times ranked

795
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#	ARTICLE	IF	CITATIONS
1	Biodegradation of crude oil by a halotolerant and biosurfactant producing strain of <i>Mucor circinelloides</i> in different microcosm conditions. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 7199-7208.	1.8	3
2	Urea impregnated multiwalled carbon nanotubes; a formaldehyde scavenger for urea formaldehyde adhesives and medium density fiberboards bonded with them. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51445.	1.3	4
3	Ferric metformin drug complex supported on magnetic nanofiber cellulose; An efficient access to 4-H pyrans derivatives and determination of their antimicrobial activity. <i>Synthetic Communications</i> , 2022, 52, 974-993.	1.1	2
4	Post-Weaning Treatment with Probiotic Inhibited Stress-Induced Amnesia in Adulthood Rats: The Mediation of GABAergic System and BDNF/c-Fos Signaling Pathways. <i>Neurochemical Research</i> , 2022, 47, 2357-2372.	1.6	1
5	Biosorption performance and cell surface properties of a fungal-based sorbent in azo dye removal coupled with textile wastewater. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 2545-2558.	1.8	16
6	Changes in T helper cell-related factors in patients with type 2 diabetes mellitus after empagliflozin therapy. <i>Human Immunology</i> , 2021, 82, 422-428.	1.2	9
7	Biological activities of two polypore macrofungi (Basidiomycota) and characterization of their compounds using HPLC-DAD and LC-ESI-MS/MS. <i>Folia Microbiologica</i> , 2021, 66, 775-786.	1.1	6
8	Evaluation of pyrene and tetracosane degradation by mixed-cultures of fungi and bacteria. <i>Journal of Hazardous Materials</i> , 2021, 416, 126202.	6.5	12
9	Electrochemical Recovery to Overcome Direct Osmosis Concentrate-Bearing Lead: Optimization of Treatment Process via RSM-CCD. <i>Water (Switzerland)</i> , 2021, 13, 3136.	1.2	2
10	Stabilization of phytase on multi-walled carbon nanotubes via covalent immobilization. <i>Methods in Enzymology</i> , 2020, 630, 431-451.	0.4	14
11	Fabrication of a novel antifouling TiO ₂ /CPTES/metformin-PES nanocomposite membrane for removal of various organic pollutants and heavy metal ions from wastewater. <i>Chemical Papers</i> , 2020, 74, 3545-3556.	1.0	9
12	A reconciliation of genome-scale metabolic network model of <i>Zymomonas mobilis</i> ZM4. <i>Scientific Reports</i> , 2020, 10, 7782.	1.6	15
13	Asparaginase production and enhancement by <i>Sarocladium strictum</i> : In vitro evaluation of anti-cancerous properties. <i>Journal of Applied Microbiology</i> , 2020, 129, 356-366.	1.4	20
14	Zr-Based MOFs with High Drug Loading for Adsorption Removal of Anti-Cancer Drugs: A Potential Drug Storage. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5549.	1.7	43
15	Impact of hfq and sigE on the tolerance of <i>Zymomonas mobilis</i> ZM4 to furfural and acetic acid stresses. <i>PLoS ONE</i> , 2020, 15, e0240330.	1.1	13
16	Detoxification impact of <i>Trichosporon cutaneum</i> in saline condition for efficient reduction of phenol co-contaminated with cadmium. <i>Environmental Science and Pollution Research</i> , 2020, 27, 29636-29643.	2.7	5
17	Title is missing!. , 2020, 15, e0240330.		0
18	Title is missing!. , 2020, 15, e0240330.		0

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19	Title is missing!. , 2020, 15, e0240330.		0
20	Title is missing!. , 2020, 15, e0240330.		0
21	Title is missing!. , 2020, 15, e0240330.		0
22	Title is missing!. , 2020, 15, e0240330.		0
23	Acetic acid uptake rate controls H ₂ production in Chlamydomonas-bacteria co-cultures. Algal Research, 2019, 42, 101605.	2.4	17
24	Progress toward improving ethanol production through decreased glycerol generation in <i>Saccharomyces cerevisiae</i> by metabolic and genetic engineering approaches. Renewable and Sustainable Energy Reviews, 2019, 115, 109353.	8.2	48
25	Cu doped TiO ₂ -Bi ₂ O ₃ nanocomposite for degradation of azo dye in aqueous solution: Process modeling and optimization using central composite design. Journal of Environmental Chemical Engineering, 2019, 7, 103078.	3.3	16
26	Synthesis of sulfamethoxazole and sulfabenzamide metal complexes; evaluation of their antibacterial activity. European Journal of Medicinal Chemistry, 2019, 171, 364-371.	2.6	34
27	Enhanced growth and lipid production in oleaginous fungus, <i>Sarocladium kiliense</i> ADH17: Study on fatty acid profiling and prediction of biodiesel properties. Renewable Energy, 2019, 135, 10-20.	4.3	31
28	Biological treatment of toxic refinery spent sulfidic caustic at low dilution by sulfur-oxidizing fungi. Journal of Environmental Chemical Engineering, 2018, 6, 2762-2767.	3.3	16
29	Biosurfactant production by <i>Mucor circinelloides</i> : Environmental applications and surface-active properties. Engineering in Life Sciences, 2018, 18, 317-325.	2.0	19
30	Covalent immobilization of phytase on the multi-walled carbon nanotubes via diimide-activated amidation: structural and stability study. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 763-772.	1.9	19
31	<i>Blastobotrys persicus</i> sp. nov., an ascomycetous yeast species isolated from cave soil. Antonie Van Leeuwenhoek, 2018, 111, 517-524.	0.7	11
32	Adsorption of cadmium from aqueous solutions by novel Fe ₃ O ₄ - newly isolated <i>Actinomucor</i> sp. bio-nano-adsorbent: functional group study. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1092-1101.	1.9	20
33	Petroleum Degradation, Biosurfactant and Laccase Production by <i>Fusarium neocosmosporiellum</i> RH-10: A Microcosm Study. Soil and Sediment Contamination, 2018, 27, 329-342.	1.1	11
34	Liquid phase extraction of nanosized biologically active estrogenic pollutants by using an efficient adsorbent. Journal of Molecular Liquids, 2018, 266, 535-539.	2.3	8
35	Enhanced biodegradation of phenol by magnetically immobilized <i>Trichosporon cutaneum</i> . Annals of Microbiology, 2018, 68, 485-491.	1.1	14
36	Characterization of pyrene degradation and metabolite identification by <i>Basidioascus persicus</i> and mineralization enhancement with bacterial-yeast co-culture. Ecotoxicology and Environmental Safety, 2018, 163, 471-477.	2.9	35

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37	Evaluation of heavy petroleum degradation using bacterial-fungal mixed cultures. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 434-439.	2.9	32
38	Efficient mycosorption of anionic azo dyes by <i>Mucor circinelloides</i> : Surface functional groups and removal mechanism study. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 4114-4123.	3.3	27
39	Biosurfactant production by <i>Mucor circinelloides</i> on waste frying oil and possible uses in crude oil remediation. <i>Water Science and Technology</i> , 2017, 76, 1706-1714.	1.2	22
40	Assessing the biodegradation of polycyclic aromatic hydrocarbons and laccase production by new fungus <i>Trematophoma</i> sp. UTMC 5003. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 136.	1.7	36
41	Synergistic Effect of <i>Sarocladium</i> sp. and <i>Cryptococcus</i> sp. Co-Culture on Crude Oil Biodegradation and Biosurfactant Production. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 324-334.	1.4	40
42	Optimization of recombinant Î²-NGF expression in <i>Escherichia coli</i> using response surface methodology. <i>Preparative Biochemistry and Biotechnology</i> , 2017, 47, 406-413.	1.0	7
43	Development of a Loop-Mediated Isothermal Amplification Assay for Rapid and Specific Identification of ACT Producing <i>Alternaria alternata</i> , the Agent of Brown Spot Disease in Tangerine. <i>Applied Biochemistry and Biotechnology</i> , 2016, 178, 1207-1219.	1.4	11
44	Screening of phytotoxic activity and nlp genes from rhizosphere actinomycetes. <i>Annals of Microbiology</i> , 2015, 65, 527-532.	1.1	3
45	Efficient synthesis of functionalized dithiocarbamate derivatives through one-pot three-component reaction and evaluation of their antimicrobial activities. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 725-732.	1.2	8
46	An Efficient Synthesis and <i>In Vitro</i> Antibacterial Activity of Novel Spiro-aminopyrimidones. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 1304-1312.	1.4	2
47	Overexpression of recombinant Nep1 in <i>Escherichia coli</i> and its use as a biological agent for control of <i>Sinapis arvensis</i> . <i>Annals of Microbiology</i> , 2013, 63, 669-675.	1.1	2
48	Sequence Analysis of Different Domains of <i>Plasmodium vivax</i> Apical Membrane Antigen (PvAMA-1 gene) Locus in Iran. <i>Iranian Journal of Parasitology</i> , 2012, 7, 26-31.	0.6	4
49	Formulation of Microemulsion Systems for Improvement of Nitrofurazone Permeation Through Silicon Membrane as Burn Wound Imitating Coverage. <i>International Journal of Pharmacology</i> , 2010, 6, 264-270.	0.1	6
50	Crude oil and pyrene degradation by halotolerant fungi <i>Embellisia</i> sp. KJ59 and <i>Alternaria</i> sp. KJ66 isolated from saline soils. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-12.	1.8	3
51	Horseradish peroxidase-calcium peroxide core-shell microcapsules as a novel permeable reactive barrier for bioremediation of phenol-contaminated waters. <i>International Journal of Environmental Science and Technology</i> , 0, , 1.	1.8	2
52	Mycoremediation of cadmium from aqueous solution using newly isolated <i>Actinomucor</i> sp.: isotherm and kinetic studies. , 0, 80, 193-202.		5
53	Development of carbon nanotube-mycosorbent for effective Congo red removal: optimization, isotherm and kinetic studies. , 0, 94, 222-230.		12
54	The potential of white and soft-rot fungi for biodegradation of multi-walled carbon nanotubes (MWCNTs): characterization and enzyme analysis. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-23.	1.8	1

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55	Biovalorization of wastewater of fish canning process by <i>Yarrowia lipolytica</i> for biodiesel and animal feed supplement production. <i>Biomass Conversion and Biorefinery</i> , 0, , .	2.9	3